

## Guided Discussion: Scenic Value Assessment & Quantification?

Discussion to be led by:

Richard Smardon PhD SUNY Distinguished Service Professor Emeritus,  
Dept. of Environmental Studies SUNY college of Environmental Science and Forestry  
and  
Robert G. Ribe, Institute for a Sustainable Environment & Department of Landscape  
Architecture, University of Oregon

This guided discussion will examine the following questions:

1. *Should we move toward assessment quantification of "scenic quality" as an ecosystem service?*
2. *How should we assess or disaggregate "scenic quality" in order to more accurately and completely value it?*

## Key References

Chan K. M.A., T. Satterfield, J. Goldstein (2012) Rethinking ecosystem services to better address and navigate cultural values. *Ecological Economics* 74: 8–18  
doi:10.1016/j.ecolecon.2011.11.011

Craik, K.H. and E.H. Zube (1976) Issues in Perceived Environmental Quality Research. Institute for man and Environment, U. Mass, Amherst. Report of Energy-Related General Research Office, National Science Foundation (I have scanned portions of this –there is also a book)

Gobster, P. H.; J. I. Nassauer, T. C. Daniel and G. Fry (2007) The shared landscape: what does aesthetics have to do with ecology? *Landscape Ecology* 22:959–972  
DOI 10.1007/s10980-007-9110-x

I. C. Ivine, \_ T. Greaver, J. Phelan, R. D. Sabo, and G. Van Houtven (2017) Terrestrial acidification and ecosystem services: effects of acid rain on bunnies, baseball, and Christmas trees. *Ecosphere* 8(6): e 01857. 10.1002/ecs2.1857

Landers, D.H. and A. M. Nahilk (2013) *Final Goods and Services Classification System (FEGS-CS* EPA/600/R-13/ORD-004914 US Environmental Protection Agency, Office of Research and Development, Wash DC, 89p.

Millennium Ecosystem Assessment (2005) *Ecosystems and Human Well Being: Wetlands and Water Synthesis*. Water Resources Institute, Wash, DC.

Ringold, P. L., J. Boyd, D. Landers, and M. Weber (2013) What data should we collect? A framework for identifying indicators of ecosystem contributions to human well-being. *Frontiers in Ecology and the Environment* doi: 10.1890/10156

Roly Russell, A. D. Guerry, P. Balvanera, R. K. Gould, X. Basurto, K. M.A. Chan, S. Klain, J. Levine, and J. Tam (2013) Humans and nature: How knowing and Experiencing nature affect well being *Annul. Rev. Environ. Resour.* 2013. 38:6.1–6.30 doi 10.1146/annurev-environ-012312-110838

US Environmental Protection Agency (2009) *Valuing the Protection of Ecological Systems and Services; A Report to the EPA Science Advisory Board*. EPA-SAB-09-012, USEPA Wash DC.